

CLAIMS

1. A system for fixation of fractures comprising a chassis (1) and one or more fixation elements in the form of screws (2, 3) and/or pins (4), **characterized** in that
5 each fixation element is received in the chassis (1) in such a way that it is locked by friction regarding movement in axial, rotational and angular directions.

2. The system of claim 1, **characterized** in that the frictional locking of the fixation elements (2, 3, 4) is
10 given by means of the material of the chassis (1) having an elasticity giving a locking effect by means of friction on the fixation elements (2, 3, 4).

3. The system of claim 2, **characterized** in that the chassis (1) is made of UHMWPE (ultra high molecular weight
15 polyethylene).

4. The system of any of the previous claims, **characterized** in that the fixation elements (2, 3, 4) are to be received in a bone structure (5).

5. The system of claim 4, **characterized** in that the
20 screws (2, 3) of the fixation elements are screwed into the chassis (1) and bone structure (5) in such a way that the screws (2, 3) moves equidistantly in the chassis (1) and the bone structure (5).

6. The system of claim 5, **characterized** in that the
25 system is fixed in a force neutral form, i.e. no axial forces are transferred to the screws (2, 3) or pins (4) after fixation.

7. The system of any of the previous claims, **characterized** in that the chassis (1) is received in a rigid
30 bracing (6).

8. The system of claim 7, **characterized** in that bracing (6) is made of steel.

9. The system of claim 7 or 8, **characterized** in that the chassis (1) is made of two parts (7, 8) received dis-
35 placeable in an axial direction in relation to each other

in the bracing (6) and that a gap is formed between the two chassis parts (7, 8).

10. The system of any of the previous claims, **characterized** in that the chassis (1) is placed at a distance
5 from and not in contact with the underlying bone structure (5) or skin.